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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kimmo Laiho, et al.

Serial No: 10/087,437

Filed: March 2, 2002

For: SYSTEM AND METHOD FOR  
BROADBAND DIGITAL  
BROADCASTING

Group Art No. 2684

Examiner: Unassigned

Docket No. 004770.000

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents and Trademarks  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §1.97, Applicants submit herewith PTO-1449 forms identifying information for consideration by the Examiner. A copy of the items of information is enclosed.

Applicants do not waive any right to take appropriate action to establish patentability over the listed documents should they be applied as a reference against the claims of the present application.

The references contained in this information disclosure statement were submitted in Information Disclosure Statements to the U.S. Patent and Trademark Office in related applications U.S. Serial Nos. 10/252,549; 10/085,910; 10/075,150; 10/237,404 and 10/075,434.

It is respectfully requested that the Examiner fully consider each of the documents, initial the enclosed PTO-1449 forms in the appropriate place to indicate that the document has been considered, and return a copy of the initialed forms to the undersigned in accordance with MPEP Section 609.

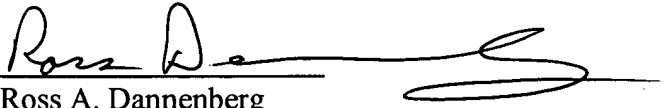
Supplemental Information Disclosure Statement  
10/087,437

The accompanying Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits. No certification or fee is required. However, in the event a fee is due, please charge Deposit Account No. 19-0733. Further, the Commissioner is authorized to charge any additional fees that may be required or credit any overpayment to our Deposit Account No. 19-0733.

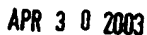
Consideration of the cited information and making the same of record in the prosecution of the above-noted application are respectfully requested.

Respectfully submitted,  
**BANNER & WITCOFF, LTD.**

Date: April 30, 2003

By:   
Ross A. Dannenberg  
Registration No. 49,024

1001 G. Street, N.W.  
Washington, D.C. 20001-4597  
(202) 824-3000



Approved for use through 10/31/2002. OMB 0651-0031  
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Substitute for form 1449A/PTO

*(use as many sheets as necessary)*

Sheet	2	of	2
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**Complete if Known**

Application Number	10/087,437
Filing Date	March 2, 2002
First Named Inventor	Kimmo Laiho et al.
Group Art Unit	2684
Examiner Name	TBD
Attorney Docket Number	004770.00033.

#### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

[illegible]

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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete If Known**

Application Number	10/087,437
Filing Date	March 2, 2002
First Named Inventor	Kimmo Laiho et al.
Group Art Unit	2684
Examiner Name	TBD
Attorney Docket Number	004770.00033

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,371,734	12-06-1994	Fischer	
		US-5,710,756	01-20-1998	Pasternak	
		US- 5,886,995	03-23-1999	Arsenault	
		US- 6,175,557	01-16-2001	Diachina eg al.	
		US- 6,226,278	05-01-2001	Bursztenj	
		US- 6,262,982	07-17-2001	Donahue	
		US- 6,262,990	07-17-2001	Ejiri	
		US- 6,282,209	08-28-2001	Kataoka	
		US- 6,295,450	09-25-2001	Lyer	
		US- 6,339,713	01-15-2002	Hansson et al.	
		US- 6,477,382	11-05-2002	Mansfield et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 02/01879	01-03-2002	Aaltonen et al.		
		WO 02/03728	01-10-2002	Salo et al.		
		WO 02/03729	01-10-2002	Salo et al.		
		WO 01/31963	05-03-2001	Hasan et al.		
		WO 01/72076	09-27-2001	Xu et al.		

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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